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September 29, 2004

Mail Stop Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application No.10/607,950

Title: AUTOMATIC DRIVE ADJUSTMENT OF ULTRAVIOLET  
LAMPS IN PHOTO-IONIZATION DETECTORS

Inventors: Wenpeng Hsueh, Weili Yeh, Peter C. Hsi, and Hong T. Sun

Filing Date: June 27, 2003

Examiner: Jeff W. Natalini      Group Art Unit: 2858

Docket No.: RAE004US

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

1. Return Receipt Postcard;
2. This Transmittal Letter (in duplicate); and
3. Response to Restriction/Election Requirement (6 pages).

**Conditional Petition for Extension of Time**

If after the document(s) filed with this transmittal have been considered, an extension of time is required for timely filing of the document(s), an extension of time is hereby requested.

**Fees**

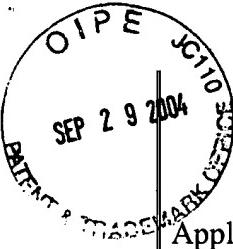
- No additional fee is required.
- Please charge any additional fees required and credit any overpayment to Deposit Account No. 50-1767.

EXPRESS MAIL LABEL NO.:

ED 004 799 762 US

Respectfully submitted,

David T. Millers  
Reg. No. 37,396



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wenpeng Hsueh, Weili Yeh, Peter C. Hsi, and Hong T. Sun  
Assignee: RAE Systems, Inc.  
Title: AUTOMATIC DRIVE ADJUSTMENT OF ULTRAVIOLET LAMPS  
IN PHOTO-IONIZATION DETECTORS  
Serial No.: 10/607,950 Filing Date: June 27, 2003  
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**RESPONSE TO RESTRICTION/ELECTION REQUIREMENT**

Dear Sir:

This response to the September 20, 2004 Office Action, which has a statutorily shortened period for response that ends October 20, 2004 includes:

A list of the claims presented for examination; and

Remarks given in reply to the Office Action dated September 20, 2004.